Your Expert Partner for **Human Machine Interfaces**

Indicator

Distribution by
Mouser

K14-
040.210031

https://mouser.eao.com/component/K14-040.2100...

Your product:

K14-040.210031
Indicator

FRONT

Front dimension:	Ø 35 mm
Front form:	Round

MOUNTING

Mounting cut-out:	Ø 30.5 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens colour:	Green
Lens material:	Plastic
Lens illumination:	Illuminated
Lens shape:	Raised
Lens optics:	transparent
Illumination colour:	Green

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	250 VAC, 5 A (ohmic) 250 VAC, 3 A (Soldering terminal) 250 VAC, 2 A (inductive, cos(phi) = 0.7) 220 VDC, 0.1 A (inductive, L:R = 30 ms) 110 VDC, 0.2 A (inductive, L:R = 30 ms) 60 VDC, 0.7 A (inductive, L:R = 30 ms) 24 VDC, 2 A (inductive, L:R = 30 ms)
Operating voltage:	24 V AC/DC
Operation current:	4/7 mA ±15 %
Rated Operational Voltage Ue:	250 VAC/DC according to EN IEC 61058-1

Switching rating:	5 A
Electrical lifetime:	50 000 cycles of operation
Electric strength:	3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1
Protection class:	II
Standards:	According to EN/IEC 61058-1
Thermal current Ith:	5 A

MECHANICAL CHARACTERISTICS

Terminal:	Plug-in terminal, 2.8 x 0.5 mm
Tightening torque:	Fixing nut max. 0.25 Nm
Weight:	0.031 kg

AMBIENT CONDITION

IP front protection:	IP67, according to DIN EN 60529
Operating temperature:	– 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
Storage temperature:	– 40 °C ... + 85 °C
Shock resistance:	Max. 150 m / s^2, pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)
Vibration resistance:	Max. 100 m / s^2 from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)
Climate resistance:	Standard condition, as per DIN EN 60068-2-78 Standard cyclic, as per DIN IEC 60068-2-30

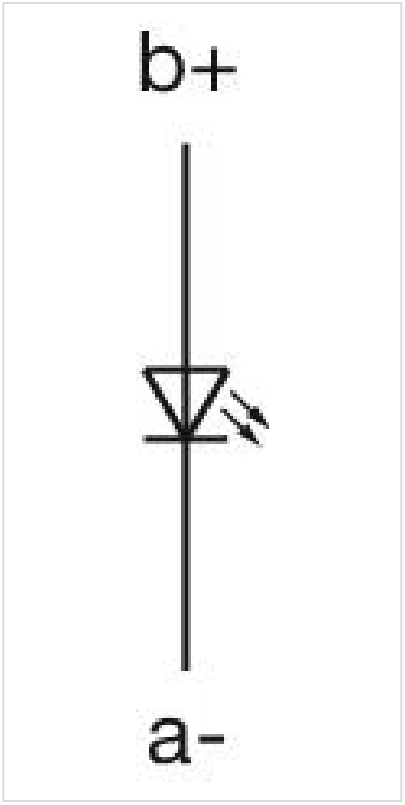
CERTIFICATE

Approbations:	CB (IEC 61058-1), CQC, CSA, DNV, ENEC (EN 61058-1), UL
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant
RoHS:	RoHS compliant

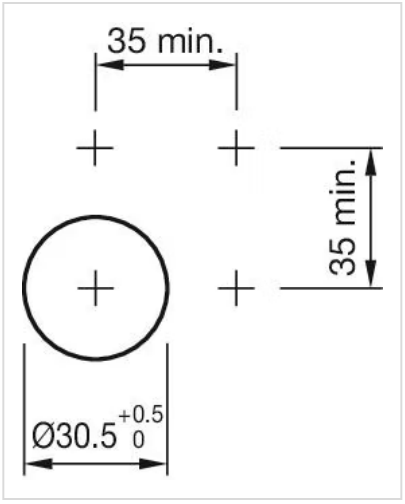
OTHER

Short Description:	Indicator, 5 A, 24 V AC/DC, Plug-in terminal, 2.8 x 0.5 mm, Round, Green, Green
Housing colour:	Black
Housing material:	Plastic

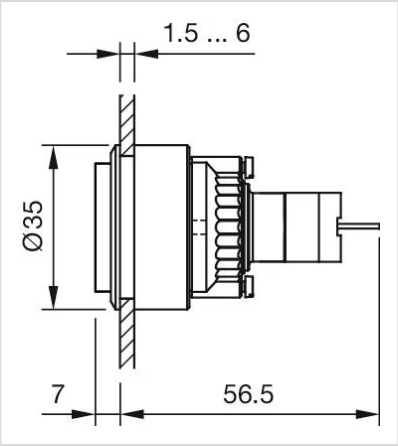
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:


1.5 ... 6
Ø35
7
56.5